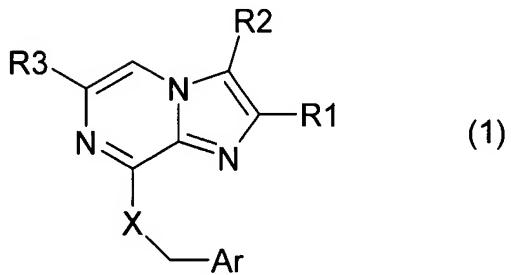


Appendix A

Claim Amendments

1. (Currently amended) Compounds A compound of the formula 1



in which

R1 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,

R2 is hydrogen, 1-4C-alkyl, aryl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, fluoro-1-4C-alkyl, halogen, 2-4C-alkenyl, 2-4C-alkynyl, amino, mono- or di-1-4C-alkylamino-1-4C-alkyl or cyanomethyl,

R3 is halogen, fluoro-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, carboxyl, cyano, 1-4C-alkoxycarbonyl, hydroxy-

1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or the group -CO-NR<sub>31</sub>R<sub>32</sub>,

where

R<sub>31</sub> is hydrogen, hydroxyl, 1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl and

R<sub>32</sub> is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl,

or where

R<sub>31</sub> and R<sub>32</sub> together, including the nitrogen atom to which both are bonded, are a pyrrolidino, piperidino, piperazino, N-1-4C-alkylpiperazino or morpholino group,

X is O (oxygen) or NH and

Ar is a mono- or bicyclic aromatic residue, substituted by R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> and R<sub>7</sub>, which is selected from the group consisting of phenyl, naphthyl, pyrrolyl, pyrazolyl, imidazolyl, 1,2,3-triazolyl, indolyl, benzimidazolyl, furyl, benzofuryl, thienyl, benzothienyl, thiazolyl, isoxazolyl, pyridinyl, pyrimidinyl, chinolinyl and isochinolinyl,

wherein

R<sub>4</sub> is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 2-4C-alkenyloxy, 1-4C-alkylcarbonyl, carboxy,

1-4C-alkoxycarbonyl, carboxy-1-4C-alkyl, 1-4C-alkoxycarbonyl-1-4C-alkyl, halogen, hydroxy, aryl, aryl-1-4C-alkyl, aryl-oxy, aryl-1-4C-alkoxy, trifluoromethyl, nitro, amino, mono- or di-1-4C-alkylamino, 1-4C-alkylcarbonylamino, 1-4C-alkoxycarbonylamino, 1-4C-alkoxycarbonylamino or sulfonyl,

in which

aryl is phenyl or substituted phenyl with one, two or three identical or different substituents from the group of 1-4C-alkyl, 1-4C-alkoxy, carboxy, 1-4C-alkoxycarbonyl, halogen, trifluoromethyl, nitro, trifluoromethoxy, hydroxy and cyano,

R5 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, halogen, trifluoromethyl or hydroxy,

R6 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy, hydroxy or halogen and

R7 is hydrogen, 1-4C-alkyl or halogen,

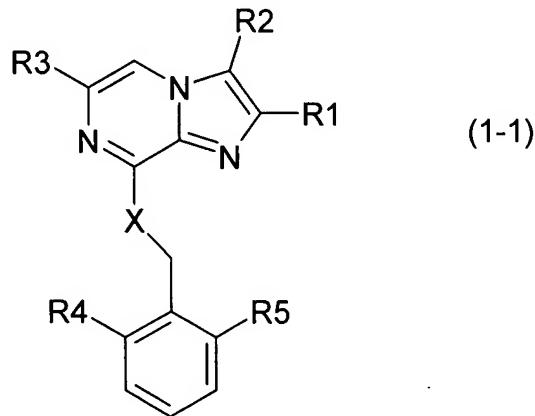
~~and the salts of these compounds or a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.~~

2. (Currently amended) Compounds A compound of formula 1 according to claim 1, in which X is O (oxygen) or a

solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.

3. (Currently amended) Compounds A compound of formula 1 according to claim 1, in which X is NH or a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.

4. (Currently amended) Compounds A compound of the formula 1 according to claim 1, characterized by the formula 1-1



in which

R1 is hydrogen or 1-4C-alkyl,

R2 is hydrogen or 1-4C-alkyl,

R3 is halogen, carboxyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl or the group -CO-NR31R32,

where

R31 is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl and

R32 is hydrogen or 1-7C-alkyl,

or where

R31 and R32 together, including the nitrogen atom to which both are bonded, are a pyrrolidino, piperidino, piperazino, N-1-4C-alkylpiperazino or morpholino group,

R4 is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, trifluoromethyl, amino, mono- or di-1-4C-alkylamino, 1-4C-alkylcarbonylamino, 1-4C-alkoxycarbonylamino or 1-4C-alkoxy-1-4C-alkoxycarbonylamino,

R5 is hydrogen, 1-4C-alkyl or 1-4C-alkoxy and

X is O (oxygen) or NH,

~~and the salts of these compounds or a solvate, hydrate,~~  
salt, hydrate of a salt or solvate of a salt thereof.

5. (Currently amended) Compounds A compound of the formula

1-1 according to claim 4, in which

R1 is 1-4C-alkyl,

R2 is 1-4C-alkyl,

R3 is carboxyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl or the group -CO-NR31R32,  
where

R31 is hydrogen, 1-7C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl and

R32 is hydrogen or 1-7C-alkyl,  
or where

R31 and R32 together, including the nitrogen atom to which both are bonded, are a pyrrolidino, piperidino, piperazino, N-1-4C-alkylpiperazino or morpholino group,

R4 is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, trifluoromethyl, amino, mono- or di-1-4C-alkylamino, 1-4C-alkylcarbonylamino, 1-4C-alkoxycarbonylamino or 1-4C-alkoxy-1-4C-alkoxycarbonylamino,

R5 is hydrogen, 1-4C-alkyl or 1-4C-alkoxy and

X is O (oxygen) or NH,

~~and the salts of these compounds or a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.~~

6. (Currently amended) Compounds A compound of the formula 1-1 according to claim 4, in which

R1 is 1-4C-alkyl,

R2 is 1-4C-alkyl,

R3 is carboxyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl or the group -CO-NR31R32,

where

R31 is hydrogen, 1-4C-alkyl, hydroxy-1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl and

R32 is hydrogen or 1-4C-alkyl,

R4 is 1-4C-alkyl or 1-4C-alkylcarbonylamino,

R5 is 1-4C-alkyl and

X is O (oxygen) or NH,

and their salts or a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.

7. (Currently amended) Compounds A compound of the formula

1-1 according to claim 4, in which

R1 is 1-4C-alkyl,

R2 is 1-4C-alkyl,

R3 is carboxyl, 1-4C-alkoxycarbonyl, hydroxy-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl or the group -CO-NR31R32,

where

R31 is hydrogen, 1-4C-alkyl or hydroxy-1-4C-alkyl and

R32 is hydrogen or 1-4C-alkyl,

R4 is 1-4C-alkyl,

R5 is 1-4C-alkyl and

X is O (oxygen) or NH,

and their salts or a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.

8. (Currently amended) A compound according to claim 4 ~~or 5~~  
~~or 6 or 7~~, in which X is NH, ~~or a salt of such compound or~~  
a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.

9. (Currently amended) A medicament pharmaceutical composition comprising a compound as claimed in claim 1 and/or a pharmacologically acceptable solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof together with a suitable pharmaceutical auxiliary and/or excipient customary pharmaceutical auxiliaries and/or excipients.

10. (Canceled)

11. (Canceled)

12. (New) A method of treating or preventing a gastrointestinal disorder in a patient comprising administering to a patient in need thereof a therapeutically effective amount of a compound of claim 1 or a pharmacologically acceptable solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.

13. (New) A compound according to claim 5, in which X is NH, or a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.

14. (New) A compound according to claim 6, in which X is NH, or a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.

15. (New) A compound according to claim 7, in which X is NH, or a solvate, hydrate, salt, hydrate of a salt or solvate of a salt thereof.